Title (en)
Method for constructing and processing a frame in synchronous ethernet

Title (de)
Verfahren zur Bildung und Verarbeitung eines Datenrahmens in synchronen Ethernet

Title (fr)
Procédé de construction et traitement d' une trame de données dans Ethernet synchron

Publication
EP 1596547 A2 20051116 (EN)

Application
EP 05004121 A 20050225

Priority
KR 20040034379 A 20040514

Abstract (en)
Disclosed is a method for constructing a frame of data for transmission by each Ethernet device in a synchronous Ethernet, which comprising the steps of receiving the data for transmission and confirming whether or not the data for transmission are synchronous data, when the received data are synchronous data, marking that the data are synchronous data in a preamble of the frame and constructing a synchronous frame by including the received data into a data portion of the frame which does not contain a MAC header and when the received data are asynchronous data, marking that the data are asynchronous data in the preamble of the frame and constructing an asynchronous frame by including the received data into a data portion of the frame containing a MAC header. <IMAGE>

IPC 1-7
H04L 12/64

IPC 8 full level
H04L 12/28 (2006.01); **H04L 12/64** (2006.01)

CPC (source: EP KR US)
H04L 12/28 (2013.01 - KR); **H04L 12/6418** (2013.01 - EP US)

Cited by
EP2053802A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1596547 A2 20051116; CN 1697446 A 20051116; JP 2005328545 A 20051124; JP 4051070 B2 20080220; KR 100584365 B1 20060526; KR 20050108932 A 20051117; US 2005265332 A1 20051201; US 7433353 B2 20081007

DOCDB simple family (application)
EP 05004121 A 20050225; CN 200510007931 A 20050205; JP 2005140608 A 20050513; KR 20040034379 A 20040514; US 704304 A 20041208